1/5

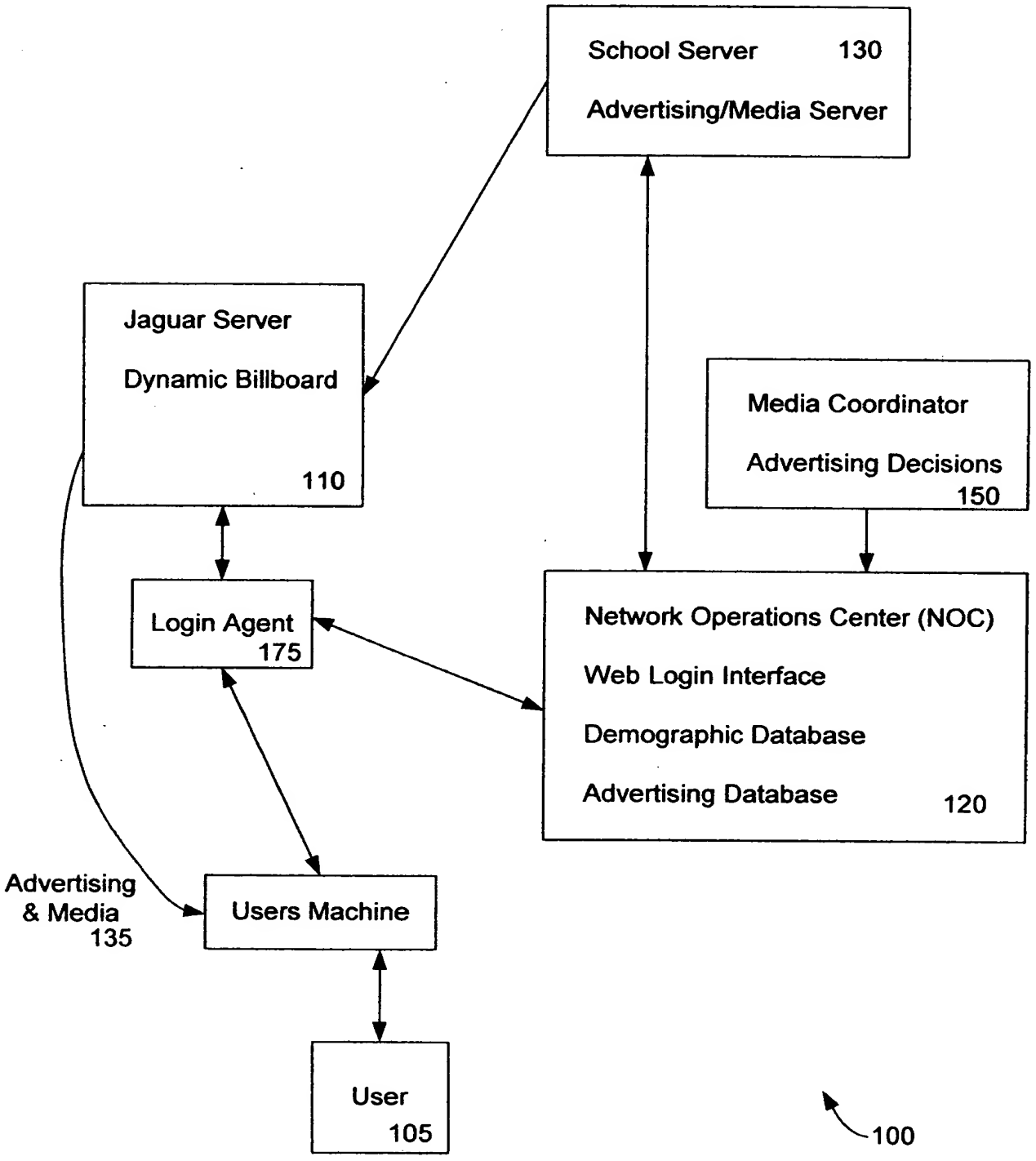

School Server 130
Advertising/Media Server
Jaguar Server
Dynamic Billboard
110
Media Coordinator
Advertising Decisions
150
Login Agent
175
Network Operations Center (NOC)
Web Login Interface
Demographic Database
Advertising Database 120
Advertising
& Media
135
Users Machine
User
105
100

FIG. - 1

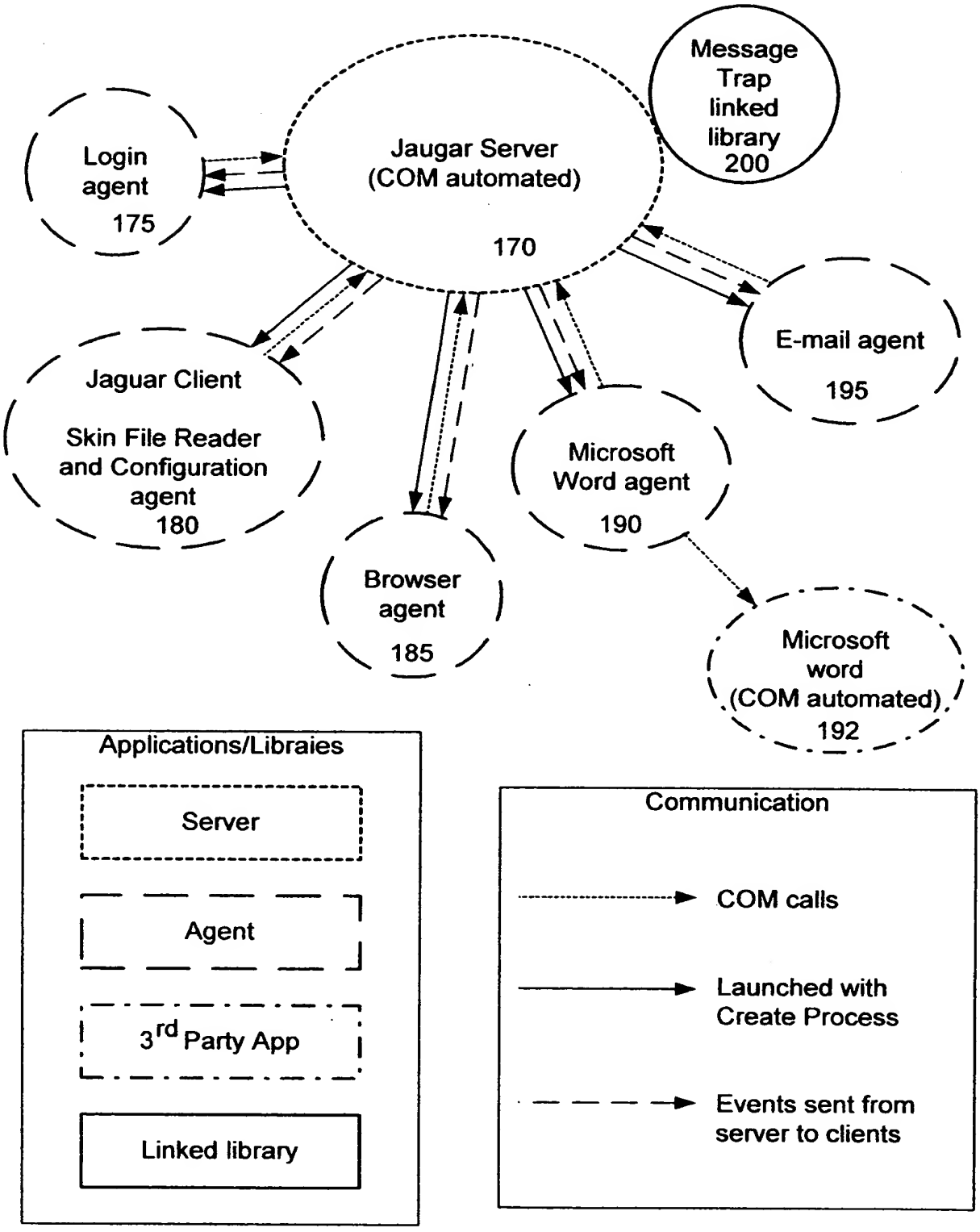
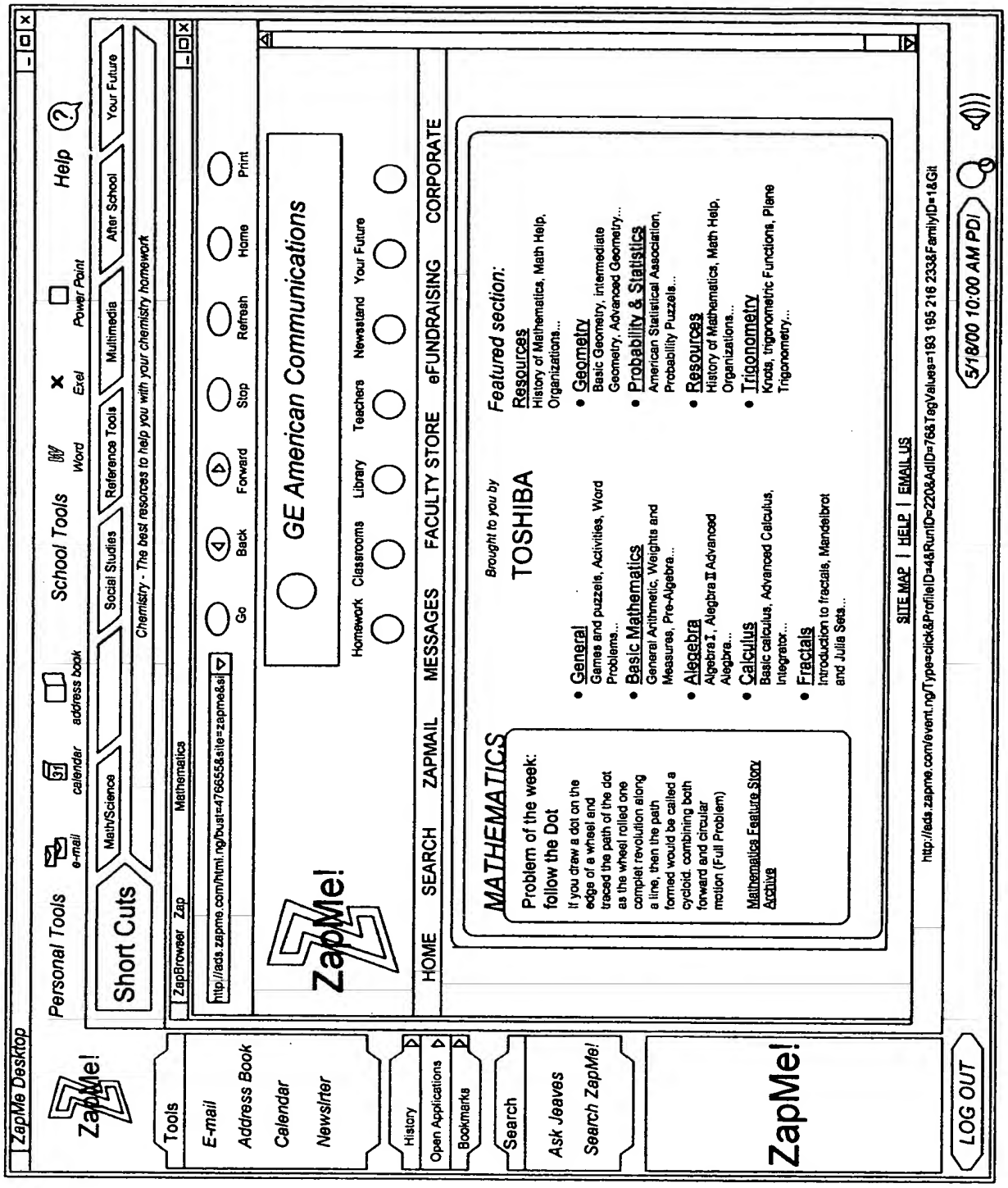

Message Trap linked library 200
Login agent 175
Jaugar Server (COM automated) 170
E-mail agent 195
Jaguar Client
Skin File Reader and Configuration agent 180
Microsoft Word agent 190
Browser agent 185
Microsoft word (COM automated) 192
Applications/Libraies
Server
Agent
3rd Party App
Linked library
Communication
COM calls
Launched with Create Process
Events sent from server to clients

FIG. - 2

3/5


ZapMe Desktop
Personal Tools
e-mail
calendar
address book
School Tools
Word
Excel
Power Point
Help
Short Cuts
Math/Science
Social Studies
Reference Tools
Multimedia
After School
Your Future
Chemistry - The best resources to help you with your chemistry homework
ZapBrowser Zap
Mathematics
http://ads.zapme.com/html.ng/bust=4766558&site=zapme&si
Go
Back
Forward
Stop
Refresh
Home
Print
ZapMe!
GE American Communications
Homework Classrooms Library Teachers Newsstand Your Future
HOME SEARCH ZAPMAIL MESSAGES FACULTY STORE eFUNDRAISING CORPORATE
MATHEMATICS
Problem of the week: follow the Dot
If you draw a dot on the edge of a wheel and traced the path of the dot as the wheel rolled one complet revolution along a line, then the path formed would be called a cycloid. combining both forward and circular motion (Full Problem)
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Games and puzzels, Activities, Word Problems...
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Calculus
Basic calculus, Advanced Calculus, Integrator...
Fractals
Introduction to fractals, Mandelbrot and Julia Sets...
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Basic Geometry, intermediate Geometry, Advanced Geometry...
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Tools
E-mail
Address Book
Calendar
Newsrter
History
Open Applications
Bookmarks
Search
Ask Jeaves
Search ZapMe!
ZapMe!
LOG OUT
5/18/00 10:00 AM PDI

FIG. - 3

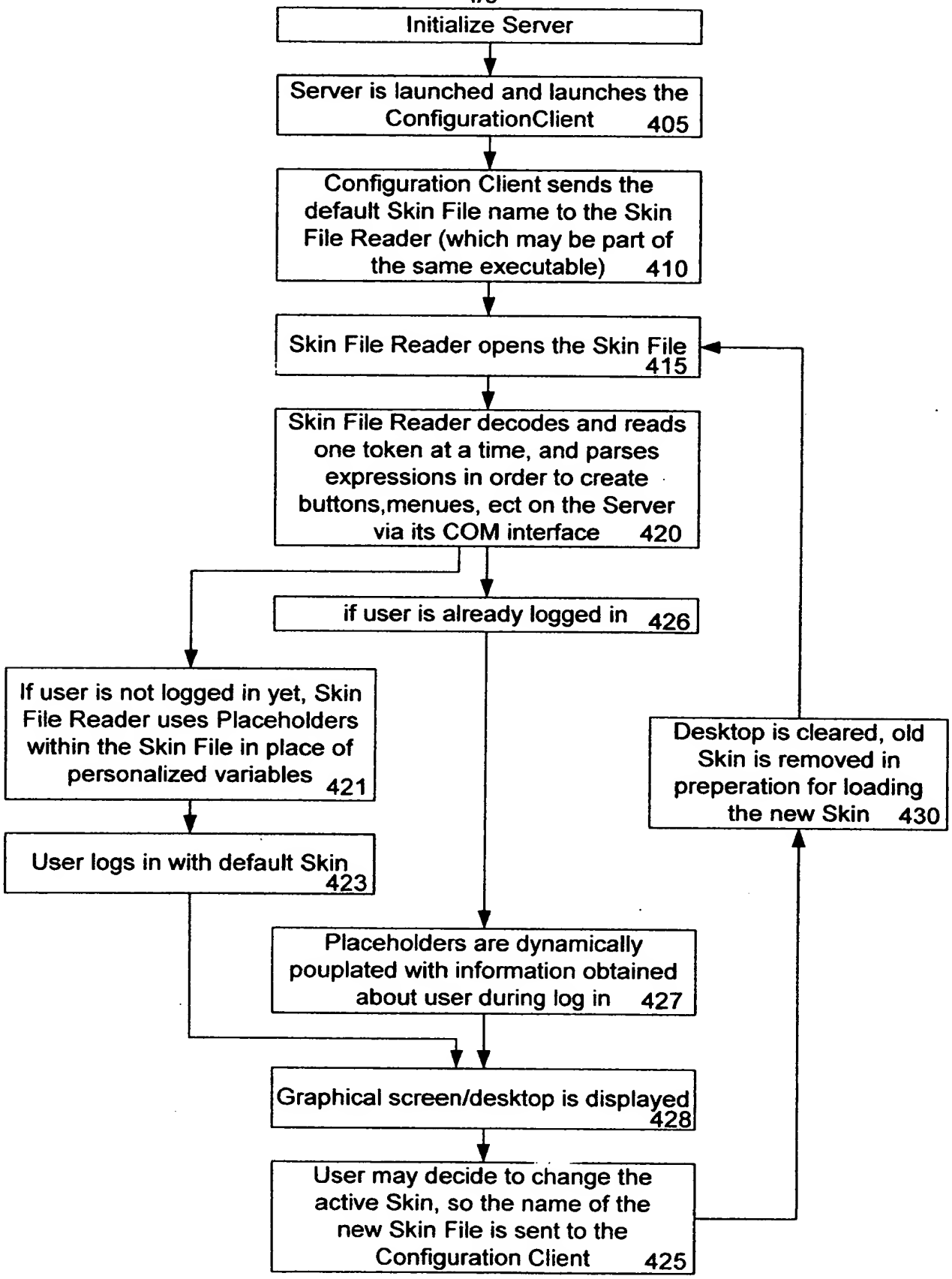
Initialize Server
Server is launched and launches the ConfigurationClient 405
Configuration Client sends the default Skin File name to the Skin File Reader (which may be part of the same executable) 410
Skin File Reader opens the Skin File 415
Skin File Reader decodes and reads one token at a time, and parses expressions in order to create buttons,menues, ect on the Server via its COM interface 420
if user is already logged in 426
If user is not logged in yet, Skin File Reader uses Placeholders within the Skin File in place of personalized variables 421
User logs in with default Skin 423
Placeholders are dynamically pouplated with information obtained about user during log in 427
Graphical screen/desktop is displayed 428
User may decide to change the active Skin, so the name of the new Skin File is sent to the Configuration Client 425
Desktop is cleared, old Skin is removed in preperation for loading the new Skin 430

FIG. - 4

20h220 * 3T6h0660

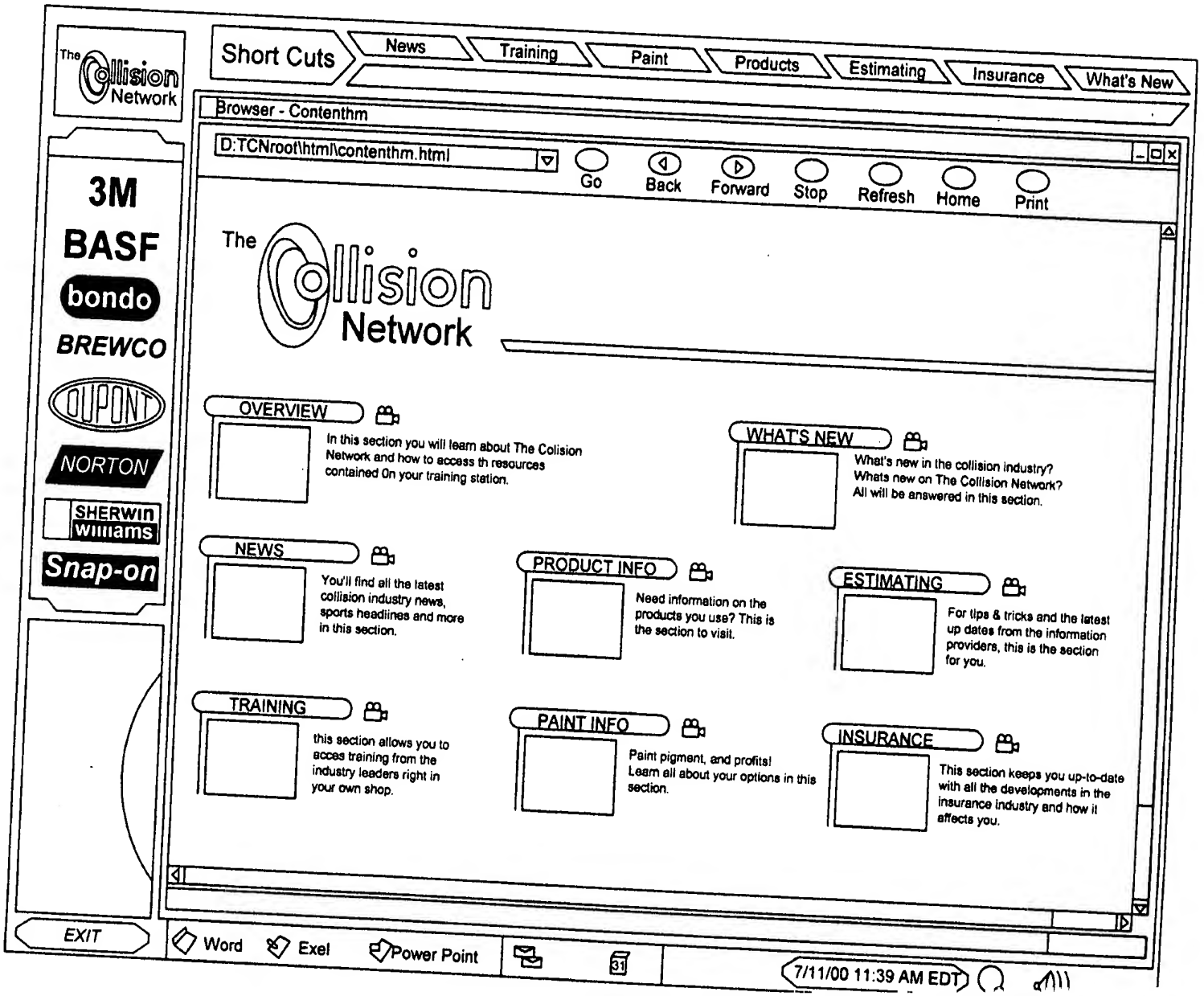

FIG. - 5

Title: DYNAMICALLY CONFIGURABLE GRAPHICAL USER...
Docket No.: ZAPME-010130US1
Serial No.: 09/904,915
Confirm No: 4697
Filed: July 13, 2001
Inventors: WISHOFF et al.
Agent: Carl Kenna
Phone: (415) 362-3800